

IFW/1713

F-888 US  
31223.00120



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Olivier Lavastre, et al.

Application No.: 10/579,361

Based on International  
Application No: PCT/EP2004/052820

Filing Date: May 12, 2006

International Filing Date: November 5, 2004

Title: Ionic Liquids as Solvents

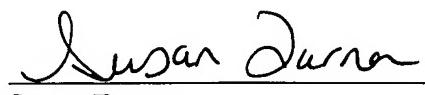
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING BY FIRST CLASS MAIL**

The undersigned hereby certifies that the following documents:

- 1) Certificate of Mailing by First Class Mail;
- 2) Status Inquiry;
- 3) Copy of the Original Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Submission under 35 U.S.C. 371;
- 4) Copy of Date-Stamped Postcard from the Commissioner of Patents Acknowledging Receipt of National Phase Application on May 12, 2006; and
- 5) A postcard receipt.

relating to the above application, were deposited as "First Class Mail" with the United States Postal Service, addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on **January 23, 2007**.

  
\_\_\_\_\_  
Susan Turner



PATENT

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**STATUS INQUIRY**

Applicant respectfully requests a status update for the above-identified application.

Attached is a copy of the original transmittal letter and the stamped postcard receipt.

Respectfully submitted,

  
\_\_\_\_\_  
William D. Jackson  
Registration No. 20,846

Date: January 23, 2007  
Schultz & Associates, P.C.  
One Lincoln Centre  
5400 LBJ Freeway, Suite 1200  
Dallas, TX 75240  
Telephone: (214) 210-5931  
Facsimile: (214) 210-5941



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Approved for use through 3/31/2007. OMB 0651-0021  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Information unless it displays a valid OMB control number.

**TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371**

ATTORNEY'S DOCKET NUMBER  
**F-888 (31223.0120)**  
U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

INTERNATIONAL APPLICATION NO.  
**PCT/EP2004/052820**

INTERNATIONAL FILING DATE  
**05 November 2004**

PRIORITY DATE CLAIMED  
**14 November 2003**

TITLE OF INVENTION **Heterogenisation of Polymerisation Catalysts by Ionic Liquids**

APPLICANT(S) FOR DO/EO/US **Olivier Lavastre**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.
4.  The US has been elected (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10.  An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

**Items 11 to 20 below concern document(s) or information included:**

11.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13.  A preliminary amendment.
14.  An Application Data Sheet under 37 CFR 1.76.
15.  A substitute specification.
16.  A power of attorney and/or change of address letter.
17.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821- 1.825.
18.  A second copy of the published International Application under 35 U.S.C. 154(d)(4).
19.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)	INTERNATIONAL APPLICATION NO.	ATTORNEY'S DOCKET NUMBER
	PCT/EP2004/0528320	E-888 (31223.0120)

## 20. Other items or information:

The following fees have been submitted		CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....		\$ 300	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations.....\$200		\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority.....\$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB.....\$400 All other situations.....\$500		\$ 500.00	
<b>TOTAL OF 21, 22 and 23 =</b>		<b>\$ 1,000.00</b>	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
- 100 =	/50 =		x \$250
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	18	20 = 0	x \$ 50
Independent claims	2	- 3 = 0	x \$200
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		+ \$360	\$
		<b>TOTAL OF ABOVE CALCULATIONS =</b>	\$
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.			
		<b>SUBTOTAL =</b>	\$
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		+	\$
		<b>TOTAL NATIONAL FEE =</b>	\$
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+	\$
		<b>TOTAL FEES ENCLOSED =</b>	\$
		Amount to be refunded:	\$
		Amount to be charged	\$

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a.  A check in the amount of \$ \_\_\_\_\_ to cover the above fees is enclosed.
- b.  Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 50-2225. A duplicate copy of this sheet is enclosed.
- d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

David J. Alexander  
Fina Technology, Inc.  
P. O. Box 674412  
Houston, TX 77267-4412



SIGNATURE

William D. Jackson

NAME

20,846

REGISTRATION NUMBER

CUSTOMER NO. 25264



Express Mail Label: EQ 282469323 US

Date Mailed: May 12, 2006

In re Applicant: Olivier Lavastre

Title: Heterogenisation of Polymerization

Catalysts by Ionic Liquids

Atty Docket: 31223.00120 (F-888) **10/579361**

When the "RECEIVED" date stamp is impressed hereon, it acknowledges receipt in the USPTO of the following:

- 1) Transmittal Letter (3 pages);
- 2) Copy of International Appln. PCT/EP2004/052820 (16 pages);
- 3) Preliminary Amendment (6 pages)
- 4) Check in the amount of \$1,000.00; and
- 5) Certificate of Mailing by Express Mail

**AP3 Rec'd PCI/PTO 12 MAY 2006**